

VERMICULITE STATISTICS
By Carl A. DiFrancesco and Michael J. Potter
[All values in metric tons (t) unless otherwise noted]

Year	Primary production	Imports	Exports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1924	2			2	37.50	357.00	
1925	93			93	30.50	282.00	
1926	136			136	27.60	253.00	
1927	46			46	28.70	268.00	
1928	913			913	41.80	398.00	
1929	891			891	27.50	262.00	
1930	754			754	18.20	178.00	
1931	1,140			1,140	21.70	233.00	
1932	1,490			1,490	11.40	136.00	
1933	2,040			2,040	10.80	136.00	
1934	4,310			4,310	13.20	161.00	
1935	6,410			6,410	13.80	164.00	
1936	15,400			15,400	12.10	142.00	
1937	24,100			24,100	10.80	123.00	
1938	18,800			18,800	10.20	118.00	
1939	19,200			19,200	9.10	107.00	
1940	20,200			20,200	6.80	79.20	
1941	21,300			21,300	5.90	65.30	
1942	52,500			52,500	6.10	61.00	
1943	42,300			42,300	11.10	105.00	
1944	49,100			49,100	11.00	102.00	
1945	58,800			58,800	11.00	100.00	
1946	78,400			78,400	11.10	92.30	
1947	119,000			119,000	11.20	82.00	
1948	126,000			126,000	11.00	74.50	126,000
1949	153,000			153,000	11.00	75.40	159,000
1950	189,000	15,000		204,000	11.20	75.90	232,000
1951	190,000	9,000		199,000	14.10	88.90	232,000
1952	190,000	7,300		197,000	14.00	86.00	226,000
1953	172,000	6,300		178,000	14.20	86.70	203,000
1954	177,000	6,900		184,000	14.30	86.70	220,000
1955	185,000	9,700		195,000	14.60	89.00	239,000
1956	175,000	7,300		182,000	14.60	87.10	230,000
1957	167,000	5,900		173,000	15.60	90.20	225,000
1958	173,000	7,400		181,000	15.70	88.90	223,000
1959	188,000	11,000		199,000	16.40	91.70	236,000
1960	181,000	11,000		192,000	17.20	94.60	244,000
1961	187,000	12,000		199,000	17.90	97.40	256,000
1962	186,000	14,000		200,000	17.70	95.20	268,000
1963	205,000	13,000		218,000	17.40	92.70	298,000
1964	205,000	17,000		222,000	17.60	92.80	311,000
1965	226,000	15,000		241,000	19.70	102.00	344,000
1966	238,000	7,700		245,000	20.80	105.00	346,000
1967	231,000	14,000		246,000	21.50	105.00	336,000
1968	263,000	9,600		273,000	21.60	101.00	382,000
1969	281,000	5,900		287,000	24.20	107.60	423,000
1970	259,000	11,000		269,000	25.10	105.50	391,000
1971	273,000	16,000		289,000	26.40	106.10	416,000
1972	297,000	24,000		320,000	26.50	103.20	465,000
1973	331,000	27,000		358,000	28.60	104.80	498,000
1974	309,000	38,000	40,000	308,000	32.70	108.20	505,000
1975	299,000	30,000	41,000	288,000	46.00	139.30	533,000

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1976	276,000	36,000	37,000	275,000	50.80	145.40	523,000
1977	326,000	36,000	41,000	321,000	57.10	153.60	520,000
1978	306,000	25,000	32,000	299,000	64.40	161.00	542,000
1979	314,000	24,000	30,000	308,000	70.00	157.20	540,000
1980	306,000	24,000	27,000	302,000	76.90	152.10	538,000
1981	290,000	24,000	28,000	287,000	90.30	161.80	523,000
1982	287,000	19,000	20,000	286,000	99.40	167.90	508,000
1983	256,000	22,000	17,000	260,000	106	174.00	444,000
1984	286,000	29,000	20,000	295,000	110	173.00	494,000
1985	285,000	34,000	21,000	298,000	113	171.50	505,000
1986	288,000	32,000	23,000	297,000	120	177.90	621,000
1987	275,000	29,000	18,000	284,000	120	172.70	659,000
1988	276,000	32,000	18,000	290,000	123	169.50	644,000
1989	249,000	50,000	18,000	281,000	122	160.40	615,000
1990	209,000	45,000	18,000	236,000	91	113.50	572,000
1991	180,000	38,000	10,000	208,000	79	94.98	513,000
1992	190,000	40,000	8,000	222,000	111	128.40	456,000
1993	190,000	30,000	7,000	213,000	111	124.70	490,000
1994	177,000	30,000	7,000	200,000	111	121.50	485,000
1995	171,000	30,000	6,000	195,000	111	118.20	486,000
1996	170,000	48,000	8,000	210,000	111	114.80	280,000
1997	170,000	67,000	8,000	229,000	111	112.20	301,000
1998	170,000	50,000	7,000	213,000	111	110.50	327,000

Vermiculite Worksheet Notes

Data Sources

The sources of data for the vermiculite worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey—Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR), and Mineral Commodity Summaries (MCS) and its predecessor, Commodity Data Summaries (CDS). The years of publication and corresponding years of data coverage are listed in the References section below. An additional source is the December 1994 issue of Industrial Minerals magazine (IM). Blank cells in the worksheet indicate that data were not available.

Production

U.S. production data report the amount of vermiculite (concentrate) sold and used. Data were from the MR and MYB for the years 1924–54, and the CDS and the MCS for the years 1955–98.

Imports

Import data report the amounts of vermiculite (concentrate) imported into the United States. Data were from the MYB for the years 1950–54, and the CDS and the MCS for the years 1955–98. Blank cells in the worksheet indicate that data were not available for the years 1924–49.

Exports

Export data report the amounts of vermiculite (concentrate) exported from the United States. Data were from the CDS and the MCS. Blank cells in the worksheet indicate that data were not available for the years 1924–73.

Apparent Consumption

Data for U.S. apparent consumption are for vermiculite (concentrate). Apparent consumption was estimated for the years 1924–73, by using the formula:

$$\text{APPARENT CONSUMPTION} = \text{PRODUCTION} + \text{IMPORTS} - \text{EXPORTS}$$

Data for the years 1974–98 were from the CDS and MCS.

Unit Value (\$/t)

Unit value is the value in dollars of 1 metric ton (t) of vermiculite (concentrate) apparent consumption. Unit value was estimated for the United States in actual dollars for prices for vermiculite (concentrate) sold and used. Data were from the MR and MYB for the years 1924–54, and the CDS and the MDS for the years 1955–91. An average price for the period 1992–98 was taken from IM.

Unit Value (98\$/t)

Dividing the Consumer Price Index conversion factor with 1998 as the base year into the “Unit Value,” determined previously, results in unit value in constant 1998 U.S. dollars.

World Production

World production data were for vermiculite (concentrate). World production for the years 1996–1998 excludes U.S. production (sold or used). Data were from the MYB. Blank cells in the worksheet indicate that data were not available for the years 1924–47.

References

- Industrial Minerals, 1994, Prices: Industrial Minerals, no. 327, December, p. 63.
U.S. Bureau of Mines, 1927–33, Mineral Resources of the United States, 1924–31.
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———1962–77, Commodity Data Summaries, 1962–77.
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